



HP Docket No. 10004151

CURVED WIPER BLADE SYSTEM
FOR
INKJET PRINTHEADS

5

Abstract

A curved wiper blade system is provided for an inkjet printing mechanism to remove ink residue from an inkjet printhead installed in the printing mechanism, here, illustrated as an inkjet printer. A pair of wiper blades each curve inwardly toward each other, and maintain this curvature during bi-directional wiping strokes.

10 This configuration allows one wiper blade to receive an ink solvent from an applicator and apply the solvent to the ink-ejecting nozzles of the printhead when moving in one wiping direction. When wiping in the opposite direction, one wiper blade also removes ink residue from an interconnect portion of the printhead, as well as from the ink-ejecting orifice plate portion of the printhead.

15